



Sheet 1 of 1

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Attorney Docket No.	08472/704002
		Serial No.	08/908,453
		Applicant	Gary Ruvkun et al.
		Filing Date	August 7, 1997
		Group	1632
		IDS Filed	August 5, 2002
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
R2S	Friedman et al., "A Mutation in the age-1 Gene in <i>Caenorhabditis elegans</i> Lengthens Life and Reduces Hermaphrodite Fertility", <i>Genetics</i> , 118: 75-86, (1988)		
	Hodes et al., "Longevity Assurance Genes: How Do They Influence Aging and Life Span?", <i>JAGS</i> , 44: 988-991, (1996)		
	Johnson et al., "Comparing mutants, selective breeding, and transgenics in the dissection of aging processes of <i>Caenorhabditis elegans</i> ", <i>Genetica</i> , 91: 65-77, (1993)		
	Lithgow et al., "Molecular genetics of <i>Caenorhabditis elegans</i> life span", <i>Journal of Cell. Biochem. Suppl.</i> , 17:144, (1993)		
	Murakami et al., "A Genetic Pathway Conferring Life Extension and Resistance to UV Stress in <i>Caenorhabditis elegans</i> ", <i>Genetics</i> , 143: 1207-1218, (1996)		
	Hu et al., "Cloning of a novel ubiquitously expressed human phosphatidylinositol", <i>Database Online</i> , Accession No: P42338, (1995)		
	Swinburne, "The <i>C. elegans</i> Sequencing Consortium", <i>Database Online</i> , Accession No. Z66519, (1995)		
R2S	Whitman et al., "Type I phosphatidylinositol kinase makes a novel inositol phospholipid, phosphatidylinositol-3-phosphate", <i>Nature</i> , 332: 644-646, (1988)		
EXAMINER	R2S	DATE CONSIDERED 8/6/03	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

Pete Parney 2/28/06



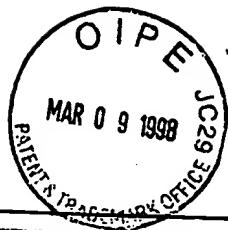
Sheet 1 of 1

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		(37 CFR §1.98(b))		Applicant	Gary Ruvkun et al.	
				Filing Date	August 7, 1997	
				Group	1632	
<b>U.S. PATENTS</b>						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
<b>FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION</b>						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
✓	US97/13914	09/27/97	PCT SEARCH REPORT			
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)</b>						
✓	Bernard, V. et al., <i>Experientia</i> , Vol. 52, page A37, abstract S10-47, The <i>C. elegans</i> phosphatidylinositol 3-kinase (VPS34)					
✓	Tedesco, P.M. et al., 'Cloning a gene for life-extension in <i>Caenorhabditis elegans</i> ,' abstract, UCLA Symposium on Molecular and Cellular Biology, New Series, 1990, Vol. 123, pages 3-17, database CAPLUS on STN, Institute of Behavioral Genetics, (Boulder, Colorado, USA)					
✓	Morris, J.Z. et al., <i>Nature</i> , August 1996, Vol. 382, pp. 536-539, A phosphatidylinositol-3-OH kinase family member regulating longevity and diapause in <i>Caenorhabditis elegans</i>					
✓	Malone, E.A. et al., <i>Genetics</i> , July 1996, Vol. 143, No. 3, pages 1193-1205, Genetic analysis of the roles of <i>daf-28</i> and <i>age-1</i> in regulating <i>Caenorhabditis elegans</i> dauer formation					
EXAMINER		DATE CONSIDERED				
		8/16/97				
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Sheet 1 of 1

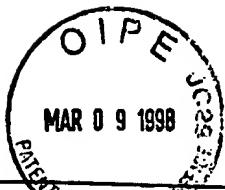
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
	Alberts et al., Molecular Biology of the Cell, Second Edition. New York: Garland Publishing, Inc., pages 258-266, 1989					
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Sheet 1 of 3

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	08472/704002	
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(37 CFR §1.98(b))				Applicant	Gary Ruvkun et al.	
				Filing Date	August 7, 1997	
				Group	1637	
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
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<input checked="" type="checkbox"/>	Dorman, J.B. et al., <i>Genetics</i> , 141(4), 1399-1406 (1995)					
<input checked="" type="checkbox"/>	Gottlieb, S. et al., <i>Genetics</i> , 137, pp. 107-120 (1994), <i>daf-2, daf-16 and daf-23: Genetically Interacting Genes Controlling Dauer Formation in Caenorhabditis elegans</i>					
<input checked="" type="checkbox"/>	Jazwinski, S. Michal, <i>Science</i> , Vol. 273, pp. 54-59 (1996), <i>Longevity, Genes, and Aging</i>					
<input checked="" type="checkbox"/>	Kenyon, C. et al., <i>Nature</i> , 366, pp. 461-464 (1993)					
<input checked="" type="checkbox"/>	Kenyon, C., <i>Cell</i> , 1996, 84(4): pp. 501-504 (1996)					
EXAMINER		DATE CONSIDERED 8/16/97				
<p>EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.</p>						

*Rita Farag 2/6/06*



SUBSTITUTE FORM PTO-1449 (MODIFIED)				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Sheet 2 of 3		
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	Document Number	Publication Date	Country or Patent Office		Class	Subclass	Translation (Yes/No)			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)										
<input checked="" type="checkbox"/>	Kimura, K.D. et al., <i>Science</i> , 277(5328): pp. 942-946 (1997)									
<input checked="" type="checkbox"/>	Larsen, P.L. et al., <i>Genetics</i> , 139, pp. 1567-1583 (1995)									
<input checked="" type="checkbox"/>	Larsen, P., <i>Proc. Natl. Acad. Sci.</i> , 90, pp. 8905-8909 (1993)									
<input checked="" type="checkbox"/>	Lin, K. et al., <i>Science</i> , 278(5341): pp. 1319-1322 (1997)									
<input checked="" type="checkbox"/>	Ogg, S. et al., <i>Nature</i> , 389(6654): pp. 994-999 (1997)									
EXAMINER			DATE CONSIDERED <u>8/16/99</u>							
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*Pete Parast 2/6/06*



Sheet 3 of 3

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U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
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	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
<input checked="" type="checkbox"/>	Okada, T. et al., <i>J. Biol. Chem.</i> , 269, pp. 3563-3567 (1994)					
<input checked="" type="checkbox"/>	Thelen, M. et al., <i>Proc. Natl. Acad. Sci.</i> 91, pp. 4960-4964 (1994)					
<input checked="" type="checkbox"/>	VanFleteren, J.R., <i>J. Biochem.</i> , 292, pp. 605-608 (1993)					
<input checked="" type="checkbox"/>	Vowels, J.J. et al., <i>Genetics</i> , 130, pp. 105-123 (1992)					
EXAMINER	<i>m</i>					
	DATE CONSIDERED <i>8/16/97</i>					
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*Pete Parasz 2/6/96*